MONTANA PUBLIC HEALTH LABORATORY

1400 BROADWAY
PO BOX 4369
HELENA, MT 59604-4369

CLIA ID 27DO253165
1-800-821-7284

Provider: Laboratory
Collection Date: 1/23/2011 11:06 AM
Delivery Date: 1/24/2011 11:06 AM
Approval Date: 1/26/2011 11:09 AM

Name/DOB: **zzPig, Petunia (12/25/1940)**
Specimen ID: 4907
Patient ID: zzPigPetunia19401225
Sex: F Age: 70

PUBLIC HEALTH LABORATORY

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Entered by: Susie Zanto
Phlebotomist: N/A

NBS Clinical Data

SUZ, CLS

TEST NAME	RESULT IN RANGE	RESULT OUT OF RANGE	UNITS	REFERENCE RANGE
NBS Form Number	3152691			
Age >24 hrs at collection	Yes			
Birth Weight	4369			
Mother's Name	Pig, Iris			
Repeat Specimen	No			

Newborn Screening Panel

SUZ, CLS

TEST NAME	RESULT IN RANGE	RESULT OUT OF RANGE	UNITS	REFERENCE RANGE
Specimen Source	Dried Blood Spot			
PKU (Phenylalanine)	2.1		mg/dL	0.0-3.0
Galactosemia (Gal-1-PUT)	10.7		u/gHb	3.1-25.0
Cong Hypothyroidism (T4)	13.5		ug/dL	6.1-50.0
Hemoglobinopathies (IEF)	Normal [F + A]			Normal [F + A]
Cystic Fibrosis (IRT)		**127.3 (H!)**	ng/mL	0.0-100.0
Fatty Acid Oxidation (profile)	Normal			Normal
Organic Acidemias (profile)	Normal			Normal
Biotinidase Deficiency (enzyme)	Normal - Enzyme Present			Enzyme Present
Cong Adrenal Hyperplasia (17-OHP)	Normal - Less than 32 ng/mL for birth weight >2499 g			Weight Dependent
Maple Syrup Urine (Leucine)	Normal - Less than 305 umol/L			0-305 umol/L
Homocystinuria (Methionine)	Normal - Less than 85 umol/L			0-85 umol/L

Newborn Screening Test Information

"Possible Abnormal" results must be repeated within 48 hours or when medically indicated. Clinical and diagnostic consultation for "Probable Abnormal" results is available through Shodair Medical Genetics at (406) 202-2954. Newborn screening results should not be considered diagnostic. The possibility of a false negative or false positive result must always be considered..

Conditions screened for at Montana Public Health Laboratory:
CONGENITAL HYPOTHYROIDISM, CYSTIC FIBROSIS, HEMOGLOBINOPATHIES (HbS/?–thalassemia, HbSC disease, HbSS disease), Classical GALACTOSEMIA, and PHENYLKETONURIA
Conditions screened for at Wisconsin State Laboratory of Hygiene, Madison, WI:
FATTY ACID OXIDATION DISORDERS (Carnitine uptake defect, Long-chain L-3-OH acyl-CoA dehydrogenase deficiency, Medium-chain acyl-CoA dehydrogenase deficiency, Trifunctional protein deficiency, Very long-chain acyl-CoA dehydrogenase deficiency)
ORGANIC ACIDEMIA DISORDERS (3-hydroxy-3-methylglutaryl-CoA lyase deficiency, 3-Methylcrotonyl-CoA carboxylase deficiency, ?-ketothiolase deficiency, Glutaric acidemia type I, Isovaleric acidemia, Methylmalonic acidemia including Cbl A,B, and mutase deficiency, Multiple carboxylase deficiency, Propionic acidemia)
AMINO ACID DISORDERS (Argininosuccinic acidemia, Citrullinemia, Homocystinuria, Maple syrup urine disease, Tyrosinemia type I)
BIOTINIDASE DEFICIENCY and CONGENITAL ADRENAL HYPERPLASIA

This report continues... (Final)

Reviewed by: _____

For additional information about Newborn Screening, visit the DPHHS website at http://www.newborn.hhs.mt.gov

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Newborn Screening Panel (cont'd)

SUZ, CLS

TEST NAME	RESULT IN RANGE	RESULT OUT OF RANGE	UNITS	REFERENCE RANGE
Citrullinemia/ASA (Citrulline)	Normal - Less than 55 umol/L			0-55 umol/L
Tyrosinemia (Tyrosine)	Normal - Less than 360 umol/L			0-360 umol/L

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BIOTINIDASE DEFICIENCY and CONGENITAL ADRENAL HYPERPLASIA

Specimen ID: 4907/2

END OF REPORT (Final)

Reviewed by: _____

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